

Converting Colors

Hex(00395D)

Have a look what the booklet for
Hex(00395D) contains.

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Color

Hex(00395D)

Conversions

Conversions Part 1

Format	Color
Hex	00395D
RGB	0, 57, 93
RGB Percent	0%, 22%, 36%
CMY	1.0000, 0.7765, 0.6353
CMYK	1.00, 0.39, 0.00, 0.64
HSL	203°, 100%, 18%
HSV	203°, 100%, 36%
XYZ	3.4389, 3.7166, 10.8920
YIQ	44.0610, -45.5280, -0.8880

Conversions

Conversions Part 2

Format	Color
RYB	0, 35, 93
Decimal	14685
CIELab	22.71, -1.49, -26.10
CIELCh	23, 26.141, 266.740
Yxy	3.7166, 0.1905, 0.2059
Android (android.graphics.Color)	4278204765 (0xFF00395D)
YUV	44.0610, 24.1269, -38.6415
Hunter-Lab	19.2784, -1.8961, -20.0032

Details

The Hex color **00395D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5D2400**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **416890**, and **000E2F** is the 20% darker color. If you saturate the color by 10%, you get **00395D**, and if you desaturate by 10%, it is **093D5D**.

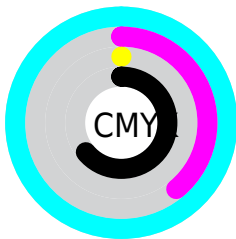
Distribution



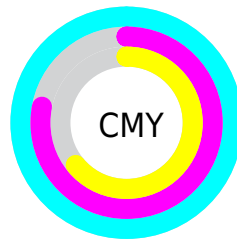
- Red (0%)
- Green (22%)
- Blue (36%)



- Red (0%)
- Yellow (14%)
- Blue (36%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (78%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00395D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 00395D by changing the saturation by 10% instead.

00395D

00395D

FFFFFF

002445

416890

000E2F

5C81AA

000119

769BC6

000000

91B5E2

ADD1FE

C9EDFF

E6FFFF

00395D

■ 093D5D

■ 13405D

■ 1C445D

■ 25475D

■ 2F4B5D

■ 384F5D

■ 41525D

■ 4A565D

■ 54595D

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



003E56



00395D



333259

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00395D



5A2726



163E20

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



00395D



5D2400

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



303A11



00395D



512D16

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



00395D



582539



43340D



004033

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



00395D



452D51



43340D



203D1A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



00395D



546A78



005D24



27353D



BDBDBD



3D3D3D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



00395D



004978



000B5D



292C2E



00436E



0091ED

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



5D0039



780049



5D5200



2E292C



6E0043



ED0091

Previews

White Background



This preview shows how the Hex color 00395D looks on a white background.

Color Contrast Check

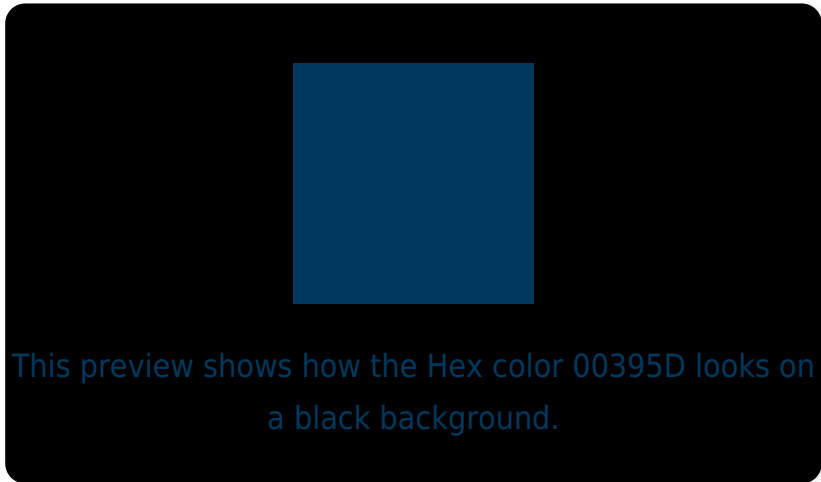
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

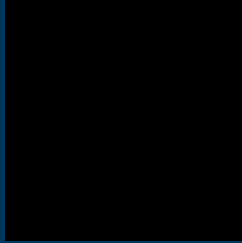
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00395D Background



This preview shows how black text looks on a background with the Hex color 00395D.



This preview shows how white text looks on a background with the Hex color 00395D.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
00395D

Protanopia
28365A

Deuteranopia
1B375D



Tritanopia
003D41

Trichromacy



Original Color
00395D

Protanomaly
19375B

Deuteranomaly
11385D

Tritanomaly
003C4B

Monochromacy



Original Color
00395D

Achromatopsia
2C2C2C

Achromatomaly
1C313E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00395D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #00395D looks like.

```
.text, #text, p{  
    color:#00395D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #00395D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00395D
}
```

Border

The CSS property to change the border of an element to Hex 00395D is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00395D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#00395D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #00395D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00395D; -webkit-box-shadow:4px 4px  
4px 4px #00395D; box-shadow:4px 4px 4px  
4px #00395D }
```

Background

The CSS property to change the background color of an element to Hex 00395D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00395D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#00395D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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